## JAN 0 6 2004 E

## SEQUENCE LISTING

<110> Hijikata, Minako

Mishiro, Shunji

Oota, Yasuhiko

Hashimoto, Koji

<120> CARRIER FOR GENE DETECTION AND ITS USE FOR DETECTING VALIDITY OF INTERFERON THERAPY

<130> 205058US0SRD

<140> 09/813,031

<141> 2001-03-21

<150> JP2000-080955

<151> 2000-03-22

<150> JP2001-062372

<151> 2001-03-06

<160> 22

<170> PatentIn version 3.1

<210> 1

<211> 581

## <212> DNA

## <213> Homo sapiens

<400> 1	•		•			
	ctccagggag	gcctagaagt	gggcaagggg	aaacgggaaa	ggaggaagat	60
ggtatgggtg	tgcctggtta	ggggtgggag	tgctggacgg	agttcgggac	aagaggggct	120
ctgcagccat	tggcacacaa	tgcctgggag	tccctgctgg.	tgctgggatc	atcccagtga	180
gccctgggag	ggaactgaag	accccaatt	accaatgcat	ctgttttcaa	aaccgacggg	240
gggaaggaca	tgcctaggtt	caaggatacg	tgcaggcttg	gatgactccg	ggccattagg	300
gagcctccgg	agcaccttga	tcctcagacg	ggcctgatga	aacgagcatc	tgattcagca	3,60
ggcctgggtt	cgggcccgag	aacctgcgtc	tcccgcgagt	tcccgcgagg	caagtgctgm	420
aggtgcgggg	ccaggagcta	ggtttcgttt	ctgctcccgg	agccgccctc	agcacagggt	480
ctgtgagttt	catttcttcg	ccggcgcggg	gcggggctgg	gcgcggggtg	aaagaggcga	540
accgagagcg	gaggccgcac	tccagcactg	cgcagggacc	g.		581

<210> 2

<211> 581

<212> DNA

<213> Homo sapiens

<400> 2
atgagccaga ctccagggag gcctagaagt gggcaagggg aaacgggaaa ggaggaagat 60
ggtatgggtg tgcctggtta ggggtgggag tgctggacgg agttcgggac aagaggggct 120
ctgcagccat tggcacacaa tgcctgggag tccctgctgg tgctgggatc atcccagtga 180
gccctgggag ggaactgaag acccccaatt accaatgcat ctgtttcaa aaccgacggg 240
gggaaggaca tgcctaggtt caaggatacg tgcaggcttg gatgactccg ggccattagg 300
gagcctccgg agcaccttga tcctcagacg ggcctgatga aacgagcatc tgattcagca 360
ggcctgggtt cgggcccgag aacctgcgtc tcccgcgagt tcccgcgagg caagtgctgm 420

aggtgcgggg ccaggagcta ggtttcgttt ctgcgcccgg agccgccctc agcacagggt 480 ctgtgagttt catttcttcg ccggcgcggg gcggggctgg gcgcggggtg aaagaggcga 540 581 accgagageg gaggeegeac tecageactg egeagggaee g

<210>

581 <211>

<212> -DNA

Homo sapiens <213>

<400> atgagccaga ctccagggag gcctagaagt gggcaagggg aaacgggaaa ggaggaagat - 60 ggtatgggtg tgcctggtta ggggtgggag tgctggacgg agttcgggac aagaggggct 120 ctgcagccat tggcacacaa tgcctgggag tccctgctgg tgctgggatc atcccagtga 180 gccctgggag ggaactgaag acccccaatt accaatgcat ctgttttcaa aaccgacggg 240 gggaaggaca tgcctaggtt caaggatacg tgcaggcttg gatgactccg ggccattagg 300 gageeteegg ageaeettga teeteagaeg ggeetgatga aacgageate tgatteagea 360 ggcctgggtt cgggcccgag aacctgcgtc tcccgcgagt tcccgcgagg caagtgctgm 420 aggtgcgggg ccaggagcta ggtttcgttt ctgcacccgg agccgccctc agcacagggt 480 ctgtgagttt catttcttcg ccggcgcggg gcggggctgg gcgcggggtg aaagaggcga 540 581 accgagagcg gaggccgcac tccagcactg cgcagggacc g

<210> 4

<211> 581

<212> DNA

Homo sapiens <213>

<400> atgagccaga ctccagggag gcctagaagt gggcaagggg aaacgggaaa ggaggaagat

ggtatgggtg	tgcctggtta	ggggtgggag	tgctggacgg	agttcgggac	aagaggggct	120
ctgcagccat	tggcacacaa	tgcctgggag	tccctgctgg	tgctgggatc	atcccagtga	180
gccctgggag	ggaactgaag	acccccaatt	accaatgcat	ctgttttcaa	aaccgacggg	240
gggaaggaca	tgcctaggtt	caaggatacg	tgcaggcttg	gatgactccg	ggccattagg	300
gagcctccgg	agcaccttga	tcctcagacg	ggcctgatga	aacgagcatc	tgattcagca	360
ggcctgggtt	cgggcccgag	aacctgcgtc	tecegegagt	tcccgcgagg	caagtgctgm	420
aggtgcgggg	ccaggagcta	ggtttcgttt	ctgcccccgg	agccgccctc	agcacagggt	480
ctgtgagttt	catttcttcg	ccggcgcggg	gcggggctgg	gcgcggggtg	aaagaggcga	540
accgagagcg	gaggccgcac	tccagcactg	cgcagggacc	g		581

<210> 5

<211> 16

<212> DNA

<213> Homo sapiens

<400> 5
ggtttcgttt ctgctc

16

<210> 6

<211> 16

<212> DNA

<213> Homo sapiens

<400> 6
ggtttcgttt ctgcgc

16

<210> 7

<211> 16

<212> DNA

(012) H	
<213> Homo sapiens	
<400> 7	
ggtttcgttt ctgcac	
ggcccgccc ccgcac	
•	
•	
<210> 8	
<211> 16	
<212> DNA	
<212> DNA	
<213> Homo sapiens	
(220) Homo Capacita	
<400> 8	
ggtttcgttt ctgccc	
-010	
<210> 9	
••	
<211> 11	
\Z11\sim 11	
9	
<212> DNA	
(012) Hemo consons	
<213> Homo sapiens	
<400> 9	
ttctgctccc g	
iŭ)	
<210> 10	
2011× 11	
<211> 11	
<212> DNA	
*	
<213> Homo sapiens	
<400> 10	
	(X
ttctgcgccc g	

<210> 11

<211> 11				
<212> DNA			•	
<213> Homo sa	piens			•
		r		
<400> 11 ttctgcaccc g				· .
<210> 12	· .		••	•
<211> 11	•			
<212> DNA				•
<213> Homo sa	piens	eX o	•	
				•
<400> 12 ttctgcccc g				ás.
			•	
<210> 13		ex-		- 00
<211> 16	· X ·			
<212> DNA		*		
<213> Homo sa	npiens	*		
	*			
<400> 13 gagcagaaac gaa	aacc			
gageagaaae gae				
<210> 14				
<211> 16				
<212> DNA				
<213> Homo sa	apiens	٠.		•

<400> 14 gcgcagaaac gaaacc

16

16

11

11

•	•
<210>	15
<211>	16
<212>	DNA
<213>	Homo sapiens
• .	
<400> gtgcag	15 aaac gaaacc
<210>	16
<211>	16
<212>	DNA
<213>	Homo sapiens

<400> 16 gggcagaaac gaaacc <210> 17

<211> 11 <212> DNA

<213> Homo sapiens

<400> 17 cgggagcaga a

<210> 18 <211> 11

<212> DNA

<213> Homo sapiens

16

16

11

<400> cgggcgc	18 caga a				11
<210>	19		*		•
<211>	11	**		:	
<212>	DNA			*	
<213>	Homo sapiens				. •
<400> cgggtgd	19 caga a				11
٠			:		·
<210>	20				
<211>	11				
<212>	DNA				
<213>	Homo sapiens				
<400> cggggg					11
<210>	21				
<211>	30				
<212>	DNA				· ·
<213>	Artificial Sec	quence			· : .
<220>					
<223>	Synthetic DNA				
<400> acacaco	21 ccgt ttccaccct	g gagaggccag		10	3(

<210> 22

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 22

tgcgcagtgc tggagtgcgg cctccgctct